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FAX COVER PAGE**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

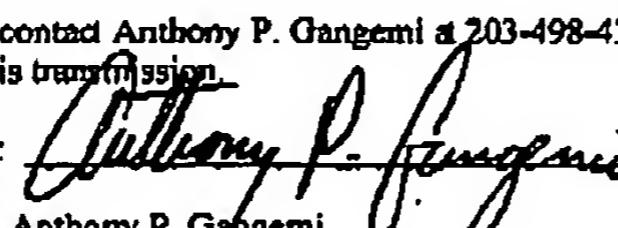
In re application of: Francis T. McQuade Docket: 102276-200
Charles L. Barto
Serial No.: 10/027,146 Art Unit: 2829
Filed: December 20, 2001 Examiner: J. Hollington
Assignee: Wentworth Laboratories, Inc. Conf. No. 3054
Title: METHOD FOR CHEMICALLY ETCHING PHOTO-DEFINED MICRO
ELECTRICAL CONTACTS

Certificate of Transmission by FacsimileDate of Deposit December 7, 2004.

I hereby certify under 37 CFR 1.8(a) that the following correspondence (along with any paper referred to as being attached or enclosed) is being transmitted via facsimile to (703) 872-9306 on the date indicated above and is addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450:

- (1) Fax Cover Sheet (1 page);
- (2) Amendment Transmittal Letter (3 pages); and
- (3) Response to Office Action and attachments (19 pages).

Please contact Anthony P. Gangemi at 203-498-4395 regarding problems with this transmission.

Signed: 

Name: Anthony P. Gangemi

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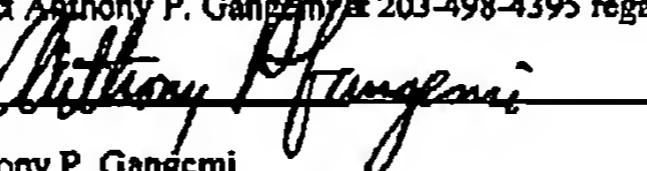
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AMENDMENT TRANSMITTAL LETTER

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an amendment in the above-identified application. The fees have been calculated as shown below:

1. Small Entity Status

 Applicant claims small entity status.

Art Unit: 2829
SN: 10/027,146

2. Claim Fees

CLAIM AMENDMENT FEE CALCULATION						
	Claims Remaining After Amendment	Minus	Highest Number Previously paid for	No. of extra claims present	Rate	Additional Fee
Total Claims	13	- 20	20	-7	\$18.00	0
Independent Claims	3	-3	3	0	\$88.00	0
Multiple Dependent Claims (if any)			0	\$290.00		0
SUBTOTAL						\$0.00
<input type="checkbox"/> REDUCTION FOR SMALL ENTITY BY 50%						
TOTAL						\$0.00

No additional claim fees are required.

3. Extension of Time

Applicant requests under the provisions of 37 CFR 1.136 (a) to extend the Period for filing a response in the above-identified application. The requested extension and appropriate non-small-entity fee are as follows:

Requested Extension	Fee	Small-Entity Fee
<input type="checkbox"/>	\$110.00	\$55.00
<input type="checkbox"/>	\$420.00	\$210.00
<input type="checkbox"/>	\$950.00	\$475.00
<input type="checkbox"/>	\$1480.00	\$740.00
<input type="checkbox"/>	\$2010.00	\$1005.00
Extension Fee Total		\$0.00

4. Terminal Disclaimer

A Terminal Disclaimer is attached for which the appropriate fee is:
 Non Small-Entity \$110.00
 Small Entity \$55.00

Art Unit: 2829
SN: 10/027,146

5. The following additional items are enclosed:

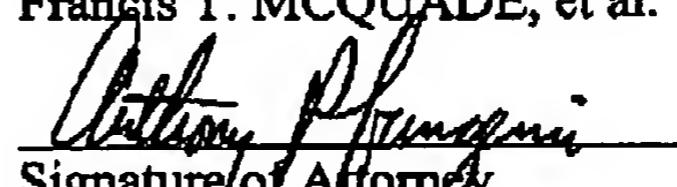
Other:

6. Payment of Fees

The total of fees due under Sections 1-4, above, is \$0.00.

No fees are due for this amendment.
 A check in amount of the total of fees due is attached.
 Please charge \$0.00. to Deposit Account No. 23-1665. Two additional copies of this transmittal are enclosed.
 Please charge any additional fees or credit overpayment to Deposit Account No. 23-1665.

Respectfully submitted,
Francis T. MCQUADE, et al.


Signature of Attorney
Anthony P. Gangemi
WIGGIN and DANA LLP
One Century Tower
New Haven, CT 06508-1832
Telephone: (203) 498-4395
Facsimile: (203) 782-2889

Date: December 7, 2004

Reg. No. 42,565

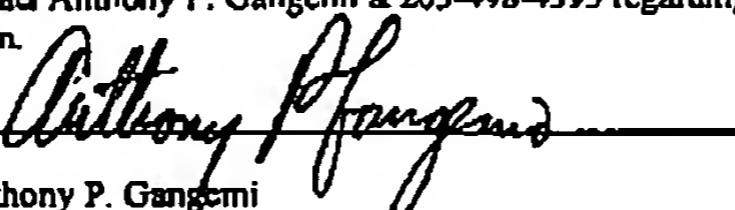
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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**AMENDMENT AND REPLY TO OFFICE ACTION
UNDER 37 C.F.R. 1.111**

Dear Sir:

In the matter of the above identified application for Letters Patent and in response to the Office Action dated September 8, 2004, for which a response is due on or before December 8, 2004, please enter and consider the following Amendment and Remarks:

Amendments to the Claims begin on page 2 of this paper; and
Remarks begin on page 6 of this paper.